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JAN 21 2011

NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES)

DISCHARGE MONITORING REPORT (DMR)

NAME: DENNINGS

XIO ENERGY, INC

ADDRESS: 52260 WIK RD

KENAI, AK 99611

FACILITY: EAST FORELAND

LOCATION: 52260 WIK ROAD, KENAI AK 99611

ATTN: Ryan Tunseth, EHS&T Coordinator

DEC
Division of Water Quality
Wastewater Discharge Program

AKG 31 5003	015
PERMIT NUMBER	DISCHARGE NUMBER

MONITORING PERIOD

FROM	YEAR	MONTH	DAY	TO	YEAR	MONTH	DAY
2010	12	1		2010	12	31	

No Discharge ☐DMR Mailing Zip Code: 99611
MAJOR
(SUBR 02)
PRODUCED WATER AND SAND
External Outfall

PARAMETER	QUANTITY OR LOADING	QUALITY OR CONCENTRATION			NO EX.	FREQUENCY OF ANALYSIS	SAMPLE TYPE
		Average	Maximum	Units			
015 - Produced Water (32-37) FLOW	Sample 0.179602703 0.204666	MGD	Minimum ***	Average ***	Maximum ***	Units ***	0 Weekly Estimate
015 - Produced Water PRODUCED SAND	Sample ***	***	No discharge	No discharge	No discharge	***	0 Weekly ***
015 - Produced Water OIL & GREASE	Sample ***	***	8.675	10		mg/l	0 Weekly Grab
015 - Produced Water pH	Sample ***	***	6.4	7.26		SU	0 Weekly Grab
015 - Produced Water TAH	Sample ***	***	14.09	14.09		mg/l	0 Monthly Grab
015 - Produced Water TAQH	Sample ***	***	14.205	14.205		mg/l	0 Monthly Grab
015 - Produced Water TOTAL AMMONIA	Sample ***	***	5.1	5.1	5.1	mg/l	0 Quarterly Grab
NAME TITLE PRINCIPAL EXECUTIVE OFFICER	I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief is true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.						Telephone 907 776-2510
Signature	Date (YR/MO/DAY) 1/19/2011						

COMMENTS & EXPLANATION OF ANY VIOLATIONS: WET Testing sampling frequency is reduced to once/6 months (Section II.G.6.a - Permit # AKG-31-5000) 2nd Period 2010 WET tests & Annual Rescreening (Section II.A.2 - Permit # AKG-31-5000) were taken in August-2010. The results were submitted with the August 2010 DMR. No toxicity was observed in any of the samples. Additionally, the sampling frequency for Copper, Manganese, Silver, and Zinc is reduced in frequency from monthly to quarterly (Section II.G.6.a - Permit # AKG-31-5000) 4th Quarter 2010 sample results are shown.

(2-16)

DMR Mailing Zip Code: 99611
MAJOR

AKG 31 5003
PERMIT NUMBER

015
DISCHARGE NUMBER

KENAI, AK 99611

FACILITY: EAST FORELAND

LOCATION: 52260 WIK ROAD, KENAI AK 99611

PRODUCED WATER AND SAND
External Outfall

FROM	YEAR	MONTH	DAY
	2013	10	1

FROM

201

12

1

To

2010

12

31

ATTN: Ryan Tunseth, EHS&T Coordinator

No Discharge

PARAMETER		QUANTITY OR LOADING			QUALITY OR CONCENTRATION			NO EX.	FREQUENCY OF ANALYSIS	SAMPLE TYPE
		(53) Average	(64-67) Maximum	(46- Units	(38-45) Minimum	(46-53) Average	(64-67) Maximum			
015 - Produced Water (vertebrate)	Sample Measurement Requirement	***	***	***	***	< 625	< 625	0	Semi Annual	Grab
015 - Produced Water WET - Echinoderm	Sample Measurement Requirement	***	***	***	***	< 625	< 625	0	Semi Annual	Grab
015 - Produced Water	Sample Measurement Requirement									
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